

IN THE CLAIMS:

A1 On page 7, immediately following the heading "CLAIMS", please insert --Having disclosed our invention, what we claim as new and to be secured by Letters Patent of the United States of America is:--

Please cancel all claims except Claims 1 and 2 without prejudice.

Please add the following claims:

A2 Claim 22. An apparatus for automatically detaching and displacing feed for animals which comprises a container for said animal feed, an animal feed stand for receiving said animal feed from said container and for accommodating an animal to consume animal said feed, a robot arm which is constructed and arranged to move said animal feed from said container to said animal feed stand, said robot arm comprising detaching means for detaching part of said animal feed from said animal feed in said container and displacing means for selectively displacing said so detached part of said animal feed to said animal feed stand and depositing it there.

Claim 23. An apparatus in accordance with Claim 22, wherein said detaching means comprises a gripping element.

Claim 24. An apparatus in accordance with Claim 22, wherein said detaching means comprises a bucket.

Claim 25. An apparatus in accordance with Claim 22, wherein said detaching means comprises a shovel.

Claim 26. An apparatus in accordance with Claim 22, wherein said detaching member comprises closure means.

Claim 27. An apparatus in accordance with Claim 22, wherein said robot arm comprises cleaning means for cleaning said detaching means.

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Claim 28. An apparatus in accordance with Claim 22, wherein said robot arm comprises brushing means for brushing substances from said detaching means.

Claim 29. An apparatus in accordance with Claim 27, wherein said cleaning means comprises a sweeping element.

Claim 30. An apparatus in accordance with Claim 28, wherein said brushing means comprises a sweeping element.

Claim 31. An apparatus in accordance with Claim 22, which comprises metering means that provides that said part of said animal feed comprises a predetermined measured-out portion of said animal feed which is detached by said detaching means.

Claim 32. An apparatus in accordance with Claim 22, which comprises weighing means for weighing said part of said animal feed which has been detached by said detaching means.

Claim 33. An apparatus in accordance with Claim 22, wherein said robot arm comprises weighing means for weighing said part of said animal feed detached by said detaching means.

Claim 34. An apparatus in accordance with Claim 22, comprising animal identification means for identifying an animal in the immediate vicinity of said feed stand for the purpose of consuming said animal feed received therein.

Claim 35. An apparatus in accordance with Claim 34, wherein said animal identification means is mounted on said robot arm.

Claim 36. A apparatus in accordance with Claim 22, wherein said feed stand comprises a trough.

Claim 37. An apparatus in accordance with Claim 22 in which said animal feed consists essentially of at least one of the following components: solid composites, a concentrate, silage, hay, fodder, a liquid including water or any mixture of the foregoing.

Claim 38. An apparatus in accordance with Claim 37, which comprises a further container that contains one of said components which is different from the component in said first mentioned container.

Claim 39. An apparatus in accordance with Claim 22, wherein said robot arm is disposed above said animal's feed stand.

Claim 40. An apparatus in accordance with Claim 22, wherein said robot arm is disposed above said container.

Claim 41. An apparatus in accordance with Claim 22, wherein said robot arm is disposed above said animal feed stand and said container.

Claim 42. An apparatus in accordance with Claim 22, which comprises a chute via which said animal feed can be discharged to said animal feed stand.

Claim 43. An apparatus in accordance with Claim 22, wherein said detaching means performs at least one function consisting of the following functions: the function of moving above the bottom of said container or the function of moving along the bottom of said container or the function of moving into said animal feed stand or any combination of said functions.

Claim 44. An apparatus in accordance with Claim 22, which is supported on a floor, said robot arm being movable above said floor.

Claim 45. An apparatus in accordance with Claim 44, which comprises a rail which is disposed over said floor, said robot arm being movable along said rail.

Claim 46. An apparatus in accordance with Claim 22, which comprises a transport vehicle, which is movable between said container and said animal feed stand, said transport vehicle cooperating with said robot arm.